

**IN THE CLAIMS:**

Please cancel claims 2, 3, 13, 14, 18, 20, and 25-46, and 48-70 without prejudice.

D1 sub D6 16. (Amended) A method for clearing extra-corporeal blood or blood products from IL-6 or IL-6 receptor molecules using a peptide, peptide composition or antibody of claim 1.

D2 19. (Amended) A method for exerting agonistic IL-6 activity at concentrations that are relatively equivalent to 7.5 to 120 µg/ml using a peptide according to claim 7.

D3 sub E1 D4 23. (Amended) A method for manufacturing a medicament comprising a peptide, or peptide combination for topical or intra-mammary application according to claim 1.

D4 47. (Amended) A method for manufacturing a pharmaceutical preparation according to claim 7 for topical or intra-mammary application.

Please add the following new claims:

D5 sub D6 71. The peptide of claim 5 having at least one string of 5 consecutive amino acids long in common with the following amino acid sequence: EWGPRSTPSLTTKAVLLLVRKFQNSPAED (SEQ ID NO: 11).

D5 sub D3 72. The peptide composition of claim 9 wherein at least four peptides are linked with branching oligolysines.

73. The peptide composition of claim 10 wherein at least four peptides are linked with branching oligolysines.